

RECEIVED  
CENTRAL FAX CENTER

IN THE UNITED STATES PATENT & TRADEMARK OFFICE MAR 25 2005

Applicant: Barr, Frederick J. Attorney Docket No: WG-97-10-US  
Serial No: 08/970,631 Art Unit: 2862  
Filed: 11/14/1997 Examiner: McElheny, D. Jr.

For: **SEISMIC DATA ACQUISITION AND PROCESSING USING NON-LINEAR  
DISTORTION IN A VIBRATORY OUTPUT SIGNAL**

Mail Stop:  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450


**POWER OF ATTORNEY**

As the owner of the above-referenced patent application, I hereby appoint the following registered practitioners to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

Jeffrey E. Griffin - 36,534  
Jaime Castano - 41,660  
Tim Curington - 45,954  
Bryan Galloway - 50,312  
Steven L. Christian - 38,106

Robin Nava - 42,926  
Jeffrey Wendt - 32,952  
Jeffrey A. Pyle - 34,904  
Mark Sincell - 52,226  
Ari Pramudji - 45,022

Direct all correspondence to:  
Jeffrey E. Griffin  
WesternGeco, L.L.C.  
10001 Richmond Avenue  
Houston, Texas 77042  
713/689-2625

  
\_\_\_\_\_  
Jeffrey E. Griffin  
Attorney-in-Fact  
WesternGeco, L.L.C.

03/25/05  
\_\_\_\_\_  
Date Signed

*Received in CF  
on June 24-05*

PTO/SB/96 (09-04)  
 Approved for use through 07/31/2006. OMB 0651-0031  
 U.S. Patent and Trademark Office; U.S. DEPARTMENT OF COMMERCE  
 Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

## STATEMENT UNDER 37 CFR 3.73(b)

RECEIVED  
 CENTRAL FAX CENTER

MAR 25 2005

Applicant/Patent Owner: WesternGeco, L.L.C.

Application No./Patent No.: 08/970,631 /  
 Filed/Issue Date: 11/14/1997 /

Entitled: SEISMIC DATA ACQUISITION AND PROCESSING USING NON-LINEAR DISTORTION IN A  
 VIBRATORY OUTPUT SIGNAL

WesternGeco, L.L.C. a Limited Liability Company  
 (Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
 The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel Q12822, Frame 0001, or for which a copy thereof is attached.

OR

B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From: \_\_\_\_\_ To: \_\_\_\_\_  
 The document was recorded in the United States Patent and Trademark Office at  
 Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.  
 (NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature \_\_\_\_\_

Jeffrey E. Griffin  
 Printed or Typed Name

\_\_\_\_\_  
 Attorney-in-Fact  
 Title

Date 03/23/05

713-689-2625  
 Telephone Number